Information Technology (IT) Community of Practice (CoP)

https://acc.dau.mil/it

Overall Approach & Progress

- Based on MID 905, develop an IT CoP to improve IT performance in DoD
  - Gather usable lessons learned, examples and best practices from community members
  - Integrate with policy and guidance information

- IT Cop Progress
  - Began effort in April, 2003
  - Launched CCA CoP in September, 2003, coinciding with CCA Knowledge Fair
  - Expand scope based on need and interest
  - Continued F2F, online discussions & content enhancement

IT CoP Activities

Online Content Updates

Support Team Facilitation

Community Governance

Hot Topic Discussions

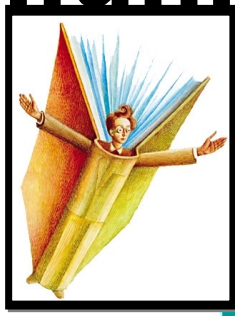
Core Member Interaction

F2F Meetings

Web Site Maintenance

Community Events

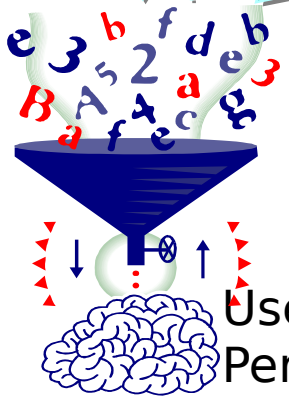
Knowledge Assets Generated by Communities of Practice



Policy documents
Guidance material
Presentations
training materials

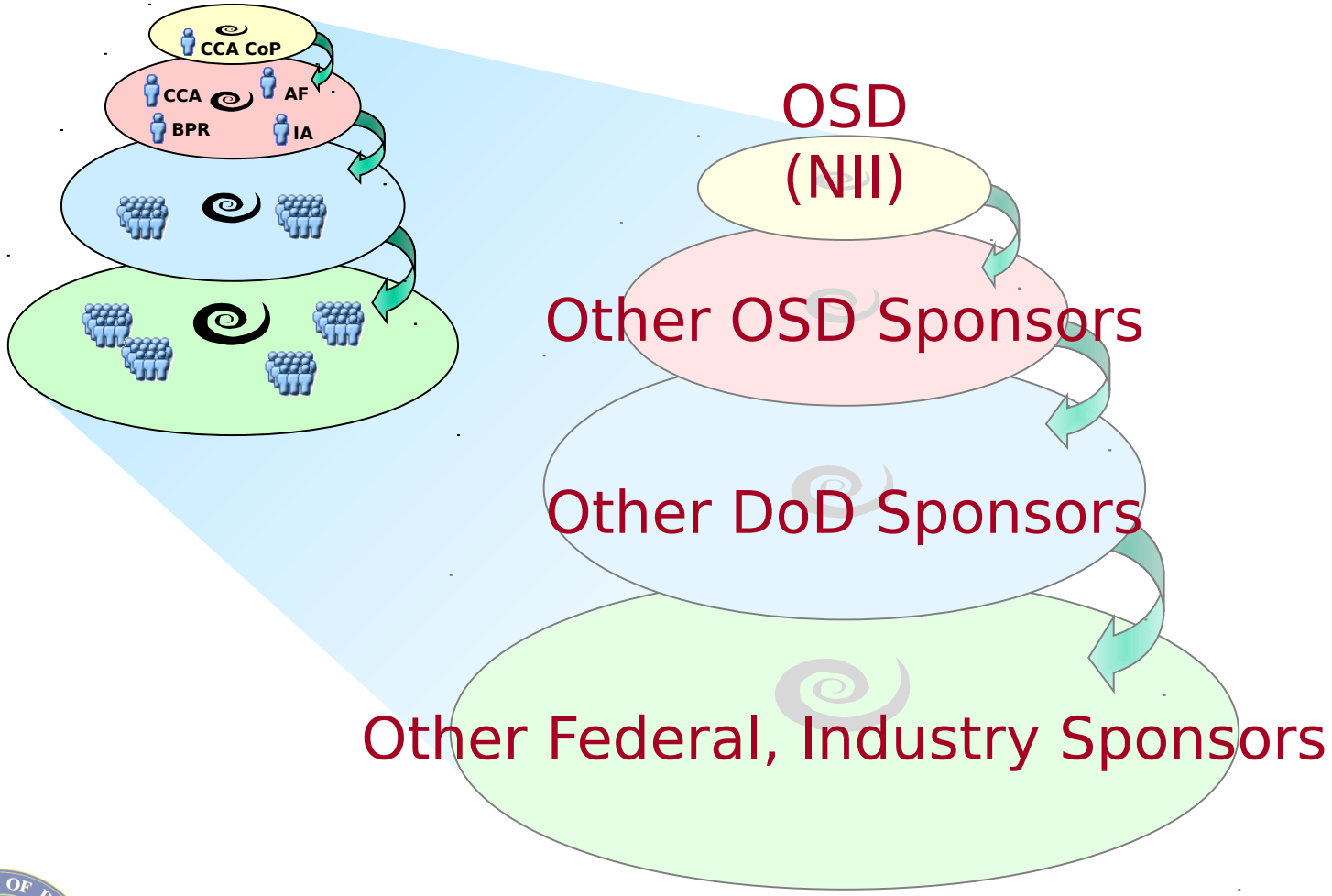
Best Practices
Examples
Lessons Learned
Case Studies

Collaboration, New knowledge from Community projects
F2F Meetings,
Virtual Meetings,
SME Access



User-Centered Learning Content,
Performance Support tools

CoP Approach Supports Combining Efforts



IT CoP Growth Statistics

	Total Community Members	Total Community Contributions	Monthly Community Page Views
OCT 04	33	368	3738
NOV 04	55	380	1944
DEC 05	55	441	2029
JAN 05	82	392	1881
FEB 05	83	393	2277
MAR 05	140	465	2035
APR 05	149	497	7131
MAY 05	173	556	13537
JUN 05	224	656	16560
JUL 05	250	743	15709
AUG 05	271	797	17681
SEP 05	TBD	TBD	TBD

Current Topic Areas

- Clinger-Cohen Act Implementation
- Information Architecture (IA) for Acquisition
- IT Maintenance (DLA developed/managed)
- Linked topic areas
  - Software Acquisition Management
  - Spectrum Compliance
  - Enterprise Architecture (IRMC)
- Workgroup Areas
  - IT Acquisition Workforce (public)
  - Enterprise Software Initiative (private)
  - Net-Centric Investment Environment (public)
  - E-Gov COI (private)

Screenshots

ACC: Acquisition Community Connection - Microsoft Internet Explorer

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Address https://acc.dau.mil/simplify/ev.php?ID=1_201&ID2=DO_ROOT Go

Acquisition Community Connection

Where the AT&L Workforce Meets to Share Knowledge

Defense Acquisition University

ACC
Acquisition Community Connection
ID: 1

Participate in a Community

- Data Management
- DoD Wireless
- Earned Value Management
- Facilities Engineering
- Information Technology
- Logistics Management
- Mission Support Contracting
- Program Management
- Risk Management
- Systems Engineering

Special Interest Areas

- ACE for Services
- Alternative Dispute Resolution
- Contingency Contracting
- DoD Packaging, Handling, Storage & Transportation
- Environment, Safety & Occupational Health
- Joint Rapid Acquisition
- Performance-Based Acquisition
- Reliability & Maintainability
- Software Acquisition Management
- Test & Evaluation
- Acquisition Research
- Business, Cost Estimating & Financial Management
- Contractors Accompanying the Force [aka Contractors on the Battlefield]
- DTRMC - T&E/S&T Program [login required]
- Government Property
- Naval Enterprise Open Architecture
- Production Quality & Manufacturing
- Science & Technology
- Spectrum Compliance
- Unique Identification

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- IT CoP
- CCA Implementation
  - IT CoP
  - CCA Improvement Team
  - CCA Policy
  - CCA Certification (8083)
  - JCIDS & Acquisition Process
  - Who's Responsible?
  - Training Center
  - Community Connection
  - Component Resources
- CCA Tasks
  - Core Priority Function Determination
  - BPR Implementation
  - Outcome-based Performance Measures
  - Outsourcing Determination
  - Analysis of Alternatives
  - Economic Analysis
  - Acquisition Performance Measures
- GIG Architecture
  - Information Assurance Strategy
  - Modular Contracting

acc ▸ it cop ▸

Main View (5) | What's New (2) | Discussions (10) | Core Members (2) | View All (17)

IT CoP

Information Technology Community of Practice

ID: 9584

open Community
Viewed 256280 times

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FEATURED ITEMS

- DoD Directive 5144.1: Assistant Secretary of Defense for Networks and Information Integration/DoD Chief Informaiton Officer (ASD (NII)/DoD CIO)
- Policy Memorandum: Information Support Plan (ISP) Acquisition Streamlining Pilot - August 26, 2005
- Clinger Cohen Act (CCA) Assessment Report - March 3, 2005
- Clinger - Cohen Act Knowledge Fair II

ACC: Acquisition Community Connection - Microsoft Internet Explorer

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Main View (5) | What's New (2) | Discussions (10) | Core Members (2) | View All (17)

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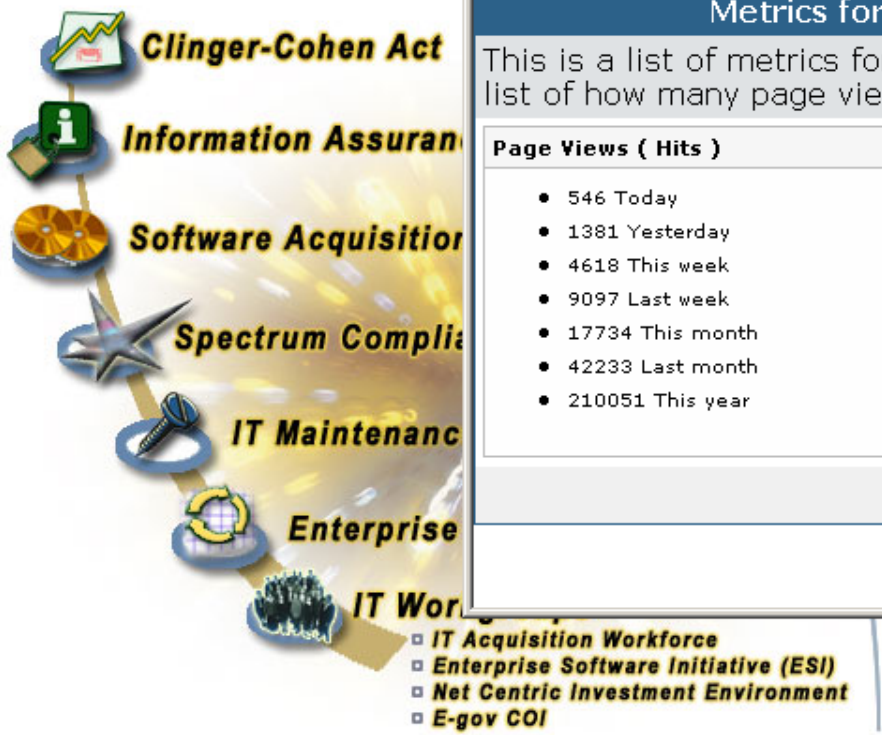

Power to the Edge

IT CoP - Microsoft Internet Explorer

Metrics for IT CoP (community)

This is a list of metrics for *IT CoP' community*. You can see a list of how many page views this item has received.

Page Views (Hits)

- 546 Today
- 1381 Yesterday
- 4618 This week
- 9097 Last week
- 17734 This month
- 42233 Last month
- 210051 This year

Close

Information Support Plan (ISP) Acquisition Streamlining Pilot - August 26, 2005

Clinger Cohen Act (CCA) Assessment Report - March 3, 2005

Clinger - Cohen Act Knowledge Fair II

EXPLORER ACC HOME

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- GIG Architecture
- Information Assurance Strategy
- Modular Contracting
- IT Registry

acc ▸ it cop ▸ cca implementation ▸

Main View (22) | What's New (9) | Core Members (1) | View All (23)

CCA Implementation

Focused on the Oversight and Implementation of the Clinger-Cohen Act

ID: 16349

open Topic
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NEWS: The recently completed CCA Assessment study was intended to strengthen CIO capabilities at all levels, to seek ways to streamline and remove reporting redundancies, to integrate CCA as a "transformation enabler" within DoD, and to align CCA implementation

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FEATURED ITEMS

- DoD Directive 5144.1: Assistant Secretary of Defense for Networks and Information Integration/DoD Chief Informaiton Officer (ASD (NII)/DoD CIO)
- Clinger Cohen Act (CCA) Assessment Report - March 3, 2005
- October 1, 2004 Software Acquisition Management Courses (SAM) Mandatory for IT (levels I, II, & III Certification

PEOPLE

Core Priority Function Determination
Outcome-based Performance Measures
BPR Implementation
Outsourcing Determination
Analysis of Alternatives
Economic Analysis
Acquisition Performance Measures
GIG Architecture
Information Assurance Strategy
Modular Contracting
IT Registry
Post Implementation Review

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Outcome-based Performance Measures

open Topic
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Clinger-Cohen Act (CCA) Task: Measures of Effectiveness (Outcome-based Performance Measures)

ID: 22194

Overview: The CCA requires the use of performance and results-based management in planning and acquiring investments in information technology, including national security systems (IT, including NSS). This section defines measurement terminology, relates it to DoD policy and provides guidance on formulating effective outcome-based performance measures for IT, including NSS investments. As stated in DoDI 5000.2, for a weapon system with embedded information technology and for command control systems that are not themselves IT systems, it shall be presumed that the acquisition has outcome-based performance measures linked to strategic goals if the acquisition has a Joint Capabilities Integration and Development System document (Initial Capabilities Document, Capability Development Document or Capability Production Document) that has been approved by the JROC or JROC designee. IT, including NSS outcome-based performance measures are also referred to as measures of effectiveness (MOEs). More...

Regardless of the term used, the Clinger-Cohen Act states that the respective Service Secretaries shall:

- Establish goals for improving the efficiency and effectiveness of agency operations and, as appropriate, the delivery of services to the public through the effective use of information technology.
- Ensure that performance measurements are prescribed for information technology programs used by or to be acquired for the executive agency and that the performance measurements measure how well the information technology supports programs of the executive agency.
- Conduct post-implementation reviews of information systems to validate estimated benefits and document effective management practices for broader use.

In summary, we are obligated to state the desired outcome, develop and deploy the solution, and then measure the extent to which we have achieved the desired outcome. For further discussion, see the CCA language in page 24 of Circular No.A-11, Part 7, Section 300, Exhibit 300, Part I, Section I.C. Additionally, discussions on the statutory basis and regulatory basis for MOEs and their verification are available.

Who is Responsible?

- The Sponsor/Domain Owner with cognizance over the function develops the MOEs as part of the Joint Capabilities Integration and Development System process. This individual should ensure the MOEs are outcome-based and relate to the outcomes identified as benefits in the benefits analysis.
- The program manager should be aware of the MOEs and how they relate to overall program effectiveness and document these MOEs in the Exhibit 300 that is part of DoD's budget submission to OMB.
- The DoD CIO assesses the outcome-based measures in deciding whether to certify CCA compliance for Acquisition Category IA programs.

Access all PSA/Domain Owner Responsibilities

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Mr. Leonard Sadauskas (Viewed 100 times) Editor
Dr. Thomas Hickok (Viewed 18 times) Editor
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MOST VISITED (LAST 12 MONTHS)
JCIDS Measures of Effectiveness (MOE) Example (Viewed 946 times)
JCIDS MOE Development Process (Viewed 945 times)

IT CoP
PIR "How" Presentation for Dr. Myers 6-9-04
Risk Community Connection

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document these MOEs in the Exhibit 300 that is part of DoD's budget submission to OMB.

- The DoD CIO assesses the outcome-based measures in deciding whether to certify CCA compliance for Acquisition Category IA programs.

Access all PSA/Domain Owner Responsibilities

- View the Regulatory Basis for Mission/Capability MOEs and their Verification
- View the Statutory Basis for Measures of Effectiveness (sometimes referred to as Outcome-based performance measures)

Overall Context

- Provide Background on the Clinger-Cohen Act
- Understand the BAE Domain MOE Development Process
- Understand the JCIDS MOE Development Process
- Show me guidance on Post Implementation Reviews, where MOEs are actually measured.

Task Guidance

- Writing Mission/Capability Outcome-based Performance MOEs
- Applying the FEA Performance Measures Reference Model to MOE Development

Frequently Asked Questions

- Are MOEs different from KPPs and Acquisition Performance Measures?

Examples of Outcome Based Performance Measures

- Navy Enterprise Maintenance Automated Information System (NEMAIS) Measures of Effectiveness Example
- JCIDS Measures of Effectiveness (MOE) Example

External Resources

- Performance Institute's Government Performance Logic Model
- Military Operations Research Society, , WG-24 Measures of Effectiveness Working Group

BACK

JCIDS MOE Development Process

(Viewed 945 times)

How are MOEs Different from KPPs and Acquisition Performance Measures?
(Viewed 942 times)

Writing Mission/Capability Outcome-based Performance MOEs
(Viewed 930 times)

Navy Enterprise Maintenance Automated Information System (NEMAIS) Measures of Effectiveness Example
(Viewed 905 times)

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IA
Information Assurance
ID: 30426

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Information Assurance in Acquisition

Overview: The Information Assurance (IA) in Acquisition Community is dedicated to guiding Acquisition Community Professionals through the process of integrating IA into the defense acquisition system. IA requirements stem from several statutory and regulatory requirements that are included on this site.

The "IA in Acquisition" portion of the IT CoP is maintained by the Defense-wide Information Assurance Program (DIAP). The DIAP was established in January 1998 to ensure that IA was pursued and implemented throughout the DoD as a critical operational readiness issue. The DIAP office coordinates, integrates, and oversees the IA processes of the DoD

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Mr. Noel Dickover (Viewed 243 times) Editor
Arthur King (Viewed 1 times) Editor
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MOST VISITED (LAST 12 MONTHS)
Policy and Guidance (Viewed 2124 times)
IA in the Acquisition Lifecycle (Viewed 1763 times)
Emerging Issues (Viewed 1526 times)

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Main View (4) What's New (3) View All (4)

IT Maintenance

IT and Software Maintenance

ID: 75702

open Topic
Viewed 618 times

Overview: The IT Maintenance Community is dedicated to guiding IT Professionals through the knowledge, issues and processes related to conducting effective IT Maintenance.

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Ms Lori Barnhill (Viewed 22 times) Editor

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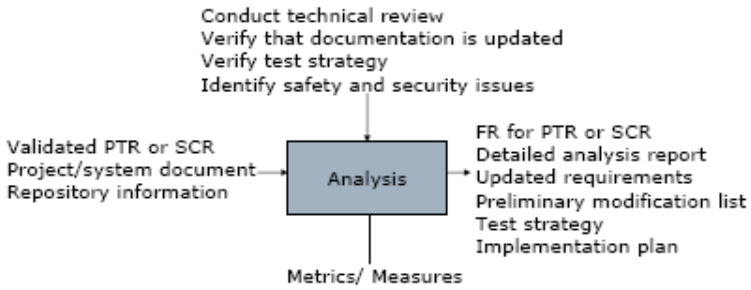
Phase 2: Analysis

open related information
Viewed 7 times

ID: 80864

related information 2 of 7



If the documentation is not available or is insufficient and the source code is the only reliable apresentation of the software system, reverse engineering is recommended.

The analysis phase shall use the repository information and validated PTR or SCR in the modification and classification phase, along with system and project documentation, to study the feasibility and scope of the modification and to devise a preliminary plan for design, implementation, test, and delivery.

Input: The input to the analysis phase of the maintenance process shall include the following:
a) Validated PTR or SCR;
b) Initial resource estimated and other repository information;
c) Project and system documentation, if available.

The analysis process is an iterative process having at least two components:
a) A feasibility analysis; and
b) A detailed analysis.

If the documentation is not available or is insufficient and the source code is the only reliable representation of the software system, reverse engineering is recommended.

Feasibility analysis: A feasibility analysis shall be performed for an SCR (and some PTRs) and a feasibility report (FR) shall be prepared. This FR should contain the following:
a) Impact of the modification;
b) Alternate solutions, including prototyping (Analysis of Alternatives [AOA]);
c) Analysis of conversion requirements;
d) Safety and security implications;

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Economic Analysis

Acquisition Performance Measures

GIG Architecture

Information Assurance Strategy

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Main View What's New

Enterprise Architecture

IRMC's Enterprise Architecture

ID: 78150

open Topic
Viewed 3126 times

The **Enterprise Architecture community** is a virtual environment where government Enterprise Architecture practitioners meet to share and gain Enterprise Architecture information and knowledge to help increase their organization's performance effectiveness. Please join the Enterprise Architecture "Community" today!

The Enterprise Architecture community is part of the Information Resources Management (IRM) Community Center. The **IRM Community Center** is a virtual environment where government IRM practitioners meet to share and gain IRM information and knowledge to help increase their organization's performance effectiveness. Please join the "Community" today!

Start Discussion

Create a Blank Forum

Date Added: *2005-06-23 8:47 am*
Date Modified: *2005-07-21 1:30 pm*

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Main View (8) What's New (6) Discussions (10) View All (18)

ESI Working Group

Enterprise Software Initiative (ESI) Working Group

ID: 67668

restricted Topic
Viewed 1121 times

Welcome to the ESI Work Group's private workspace!

The next ESI Work Group meeting is scheduled for September 16, 2005, (1000 - 1200), at the Crystal Center Building 2450, Suite 1111, in Crystal City, VA.

September Conference Code: 165423

The dial-in numbers are: 703-699-2307, DSN 499-2307, or toll-free 1-866-283-3879.

- Business Cases / White Papers
- Presentations
- Templates
- WG Archives 2005

ESI Working Group Email List: You can Click Here to email the ESI WG. (This email list contains the Chair, Co-Chair, all primary and alternate ESI voting members, and some support personnel).

Full ESI Group Email List: You can Click Here to email the full ESI Group. (This email list includes everyone in the ESI WG, ESI SPM Team, and the SAM IPT)

Knowledge

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FEATURED ITEMS

CIO Executive Board Meeting (3)
Here are the updated slides ...
James Clausen 2005-06-16 4:59 pm

PEOPLE

Mr. Robert Alderman
(Viewed 28 times)
Editor

Mr. Robert Smith
(Viewed 74 times)
Editor

Mr. Noel Dickover
(Viewed 243 times)

Backups

Current Status

- Two increments of the IT CoP
  - Started with streamlining acquisition under RIT effort
  - Second (current) iteration started with CCA related concerns, and have continued to expand scope based on need and interest

- Membership Growth
  - IT Cop Members – 271
  - IT Cop Listserv members – 83
  - Total pages/contributions - 797